

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-3 (Cancelled).

Claim 4 (New): An information storage medium comprising:

a system lead-in area in which first information is recorded, a first signal, to be processed by a level slice method and demodulated, being obtained from the first information;

a data lead-in area in which second information is recorded, a second signal, to be processed by a partial response maximum likelihood (PRML) method and demodulated, being obtained from the second information; and

a data area for recording user data,

wherein a minimum pit length in the system lead-in area is longer than a minimum pit length in the data lead-in area.

Claim 5 (New): An information storage medium according to claim 4, wherein a user data signal, to be processed by a partial response maximum likelihood (PRML) method and demodulated, is obtained from the user data.

Claim 6 (New): An information storage medium according to claim 5, wherein the minimum pit length in the system lead-in area is longer than a minimum pit length in the data area.

Claim 7 (New): An information storage medium comprising:

a system lead-in area, in which first information is recorded, a first signal to be processed by a level slice method and demodulated, being obtained from the first information; and

a data lead-in area for recording second information, a second signal, to be processed by a partial response maximum likelihood (PRML) method and demodulated, being obtained from the second information;

a data area for recording user data,
wherein a minimum pit length in the system lead-in area is longer than a minimum pit length in the data lead-in area.

Claim 8 (New): An information storage medium according to claim 7, wherein a user data signal, to be processed by a partial response maximum likelihood (PRML) method and demodulated, is obtained from the user data.

Claim 9 (New): An information storage medium according to claim 8, wherein the minimum pit length in the system lead-in area is longer than a minimum pit length in the data area.